

TCS-2343-66

Copy 5

28 MAR 1966

MEMORANDUM FOR: Deputy Director for Intelligence

ATTENTION : USIB Support Assistant [REDACTED]

25X1A

SUBJECT : Estimating Crop Yields from Satellite
Photography

REFERENCE : TCS-11051-66, dated 4 March 1966, subject as above

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1. In reference you advised of USIB's approval of the recommendation by [REDACTED] ad hoc China Committee which called for CIA to "proceed apace in seeking to develop techniques which will enable estimates of crop yield to be made from satellite photography."

2. Prior to this time, several meetings were held with ORR and ORD/DDS&T to discuss this problem. At present, both NPIC and CIA/IAD feel inadequately equipped from a techniques standpoint to make material contributions in this field. NPIC, however, has developed design objectives which will lead to a contract with external facilities for the study of this problem, the preparation of imagery interpretation keys on the subject and the development of interpretation techniques which make it possible to assess satellite photography acquired at regular intervals over specified croplands during the growing season for the purpose of estimating crop yields.

3. In the interim, both NPIC and CIA/IAD will continue to study the problem and attempt to strengthen their own capability to cope with this problem. Close coordination with [REDACTED] of ORR and with ORD/DDS&T will be maintained.

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**Declass Review
By NIMA/DOD**

ARTHUR C. LUNDAHL

Director

National Photographic Interpretation Center

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SUBJECT: Estimating Crop Yields from Satellite
Photography

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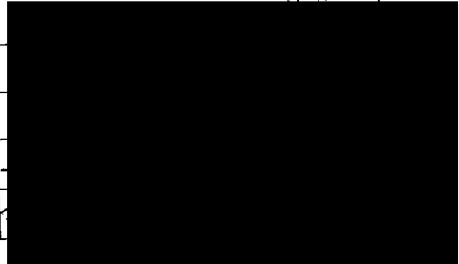
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CONTROL NO. TCS-2290-66	NO. of CYS. 3	DOCUMENT DATE 24 March 1966
REFERENCE NO. 1	SOURCE P&DS	ATTACHMENTS
SUBJECT Design Objective - Estimating Crop Yields Through an Analysis of Orbital Reconnaissance Photography		
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